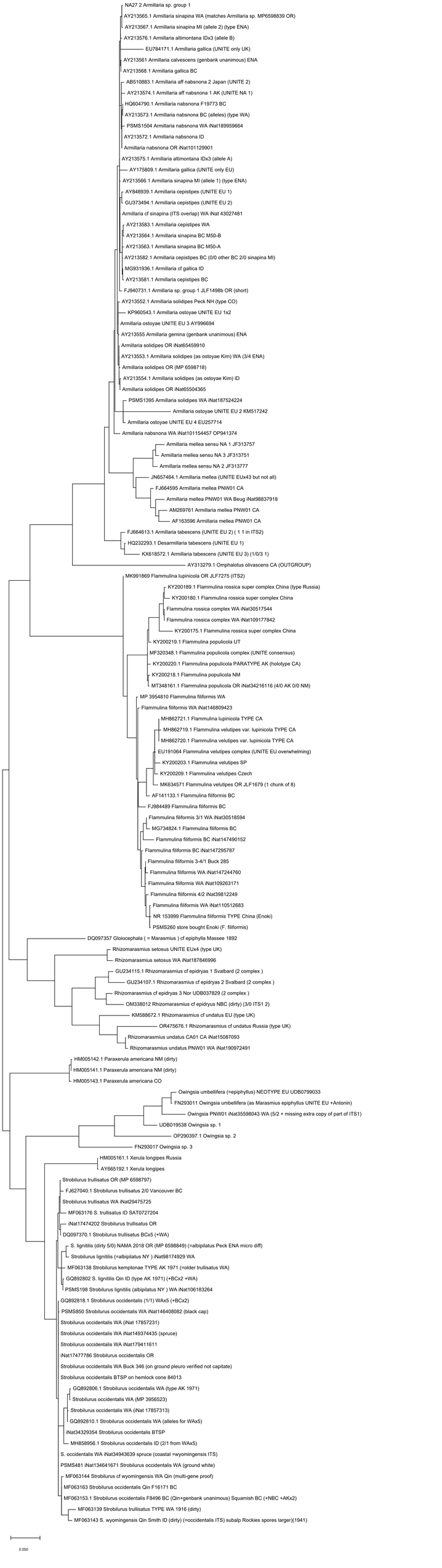
NA27 2 Armillaria sp. group 1
AY213565.1 Armillaria sinapina WA (matches Armillaria sp. MP6598839 OR)
AY213567.1 Armillaria sinapina MI (allele 2) (type ENA)
AY213576.1 Armillaria altimontana IDx3 (allele B)
EU784171.1 Armillaria gallica (UNITE only UK)
AY213561 Armillaria calvescens (genbank unanimous) ENA
AY213568.1 Armillaria gallica BC
AB510883.1 Armillaria aff nabsnona 2 Japan (UNITE 2)
AY213574.1 Armillaria aff nabsnona 1 AK (UNITE NA 1)
HQ604790.1 Armillaria nabsnona F19773 BC
AY213573.1 Armillaria nabsnona BC (alleles) (type WA)
PSMS1504 Armillaria nabsnona WA iNat189959664
AY213572.1 Armillaria nabsnona ID
Armillaria nabsnona OR iNat101129901
AY213575.1 Armillaria altimontana IDx3 (allele A)
AY175809.1 Armillaria gallica (UNITE only EU)
AY213566.1 Armillaria sinapina MI (allele 1) (type ENA)
AY848939.1 Armillaria cepistipes (UNITE EU 1)
GU373494.1 Armillaria cepistipes (UNITE EU 2)
Armillaria cf sinapina (ITS overlap) WA iNat 43027481
AY213583.1 Armillaria cepistipes WA
AY213564.1 Armillaria sinapina BC M50-B
AY213563.1 Armillaria sinapina BC M50-A
AY213582.1 Armillaria cepistipes BC (0/0 other BC 2/0 sinapina MI)
MG931936.1 Armillaria cf gallica ID
AY213581.1 Armillaria cepistipes BC
FJ940731.1 Armillaria sp. group 1 JLF1498b OR (short)
AY213552.1 Armillaria solidipes Peck NH (type CO)
KP960543.1 Armillaria ostoyae UNITE EU 1x2
Armillaria ostoyae UNITE EU 3 AY996694
AY213555 Armillaria gemina (genbank unanimous) ENA
Armillaria solidipes OR iNat65459910
AY213553.1 Armillaria solidipes (as ostoyae Kim) WA (3/4 ENA)
Armillaria solidipes OR (MP 6598718)
AY213554.1 Armillaria solidipes (as ostoyae Kim) ID
Armillaria solidipes OR iNat65504365
PSMS1395 Armillaria solidipes WA iNat187524224
Armillaria ostoyae UNITE EU 2 KM517242
Armillaria ostoyae UNITE EU 4 EU257714
Armillaria nabsnona WA iNat101154457 OP941374
Armillaria mellea sensu NA 1 JF313757
Armillaria mellea sensu NA 3 JF313751
Armillaria mellea sensu NA 2 JF313777
JN657464.1 Armillaria mellea (UNITE EUx43 but not all)
FJ664595 Armillaria mellea PNW01 CA
Armillaria mellea PNW01 WA Beug iNat98837918
AM269761 Armillaria mellea PNW01 CA
AF163596 Armillaria mellea PNW01 CA
FJ664613.1 Armillaria tabescens (UNITE EU 2) (1 1 in ITS2)
HQ232293.1 Desarmillaria tabescens (UNITE EU 1)
KX618572.1 Armillaria tabescens (UNITE EU 3) (1/0/3 1)
AY313279.1 Omphalotus olivascens CA (OUTGROUP)
MK991869 Flammulina lupinicola OR JLF7275 (ITS2)
KY200189.1 Flammulina rossica super complex China (type Russia)
KY200180.1 Flammulina rossica super complex China
Flammulina rossica complex WA iNat30517544
Flammulina rossica complex WA iNat109177842
KY200175.1 Flammulina rossica super complex China
KY200219.1 Flammulina populicola UT
MF320348.1 Flammulina populicola complex (UNITE consensus)
KY200220.1 Flammulina populicola PARATYPE AK (holotype CA)
KY200218.1 Flammulina populicola NM
MT348161.1 Flammulina populicola OR iNat34216116 (4/0 AK 0/0 NM)
MP 3954810 Flammulina filiformis WA
Flammulina filiformis WA iNat146809423
MH862721.1 Flammulina lupinicola TYPE CA
MH862719.1 Flammulina velutipes var. lupinicola TYPE CA
MH862720.1 Flammulina velutipes var. lupinicola TYPE CA
EU191064 Flammulina velutipes complex (UNITE EU overwhelming)
KY200203.1 Flammulina velutipes SP
KY200209.1 Flammulina velutipes Czech
MK634571 Flammulina velutipes OR JLF1679 (1 chunk of 8)
AF141133.1 Flammulina filiformis BC
FJ984489 Flammulina filiformis BC
Flammulina filiformis 3/1 WA iNat30518594
MG734824.1 Flammulina filiformis BC
Flammulina filiformis BC iNat147490152
Flammulina filiformis BC iNat147295787
Flammulina filiformis 3-4/1 Buck 285
Flammulina filiformis WA iNat147244760
Flammulina filiformis WA iNat109263171
Flammulina filiformis 4/2 iNat39812249
Flammulina filiformis WA iNat110512683
NR 153999 Flammulina filiformis TYPE China (Enoki)
PSMS260 store bought Enoki (F. filiformis)
DQ097357 Gloiocephala (= Marasmius) cf epiphylla Massee 1892
Rhizomarasmius setosus UNITE EUx4 (type UK)
Rhizomarasmius setosus WA iNat187846996
GU234115.1 Rhizomarasmius cf epidryas 1 Svalbard (2 complex)
GU234107.1 Rhizomarasmius cf epidryas 2 Svalbard (2 complex)
Rhizomarasmius cf epidryas 3 Nor UDB037829 (2 complex)
OM338012 Rhizomarasmius cf epidryus NBC (dirty) (3/0 ITS1 2)
KM588672.1 Rhizomarasmius cf undatus EU (type UK)
OR475676.1 Rhizomarasmius cf undatus Russia (type UK)
Rhizomarasmius undatus CA01 CA iNat15087093
Rhizomarasmius undatus PNW01 WA iNat190972491
HM005142.1 Paraxerula americana NM (dirty)
HM005141.1 Paraxerula americana NM (dirty)
HM005143.1 Paraxerula americana CO
Owingsia umbellifera (=epiphyllus) NEOTYPE EU UDB0799033
FN293011 Owingsia umbellifera (as Marasmius epiphyllus UNITE EU +Antonin)
Owingsia PNW01 iNat35598043 WA (5/2 + missing extra copy of part of ITS1)
UDB019538 Owingsia sp. 1
OP290397.1 Owingsia sp. 2
FN293017 Owingsia sp. 3
HM005161.1 Xerula longipes Russia
AY665192.1 Xerula longipes
Strobilurus trullisatus OR (MP 6598797)
FJ627040.1 Strobilurus trullisatus 2/0 Vancouver BC
Strobilurus trullisatus WA iNat29475725
MF063176 S. trullisatus ID SAT0727204
iNat17474202 Strobilurus trullisatus OR
DQ097370.1 Strobilurus trullisatus BCx5 (+WA)
S. lignitilis (dirty 5/0) NAMA 2018 OR (MP 6598849) (=albipilatus Peck ENA micro diff)
Strobilurus lignitilis (=albipilatus NY) iNat98174929 WA
MF063138 Strobilurus kemptonae TYPE AK 1971 (=older trullisatus WA)
GQ892802 S. lignitilis Qin ID (type AK 1971) (+BCx2 +WA)
PSMS198 Strobilurus lignitilis (albipilatus NY) WA iNat106183264
GQ892818.1 Strobilurus occidentalis (1/1) WAx5 (+BCx2)
PSMS850 Strobilurus occidentalis WA iNat146408082 (black cap)
Strobilurus occidentalis WA (iNat 17857231)
Strobilurus occidentalis WA iNat149374435 (spruce)
Strobilurus occidentalis WA iNat179411611
iNat17477786 Strobilurus occidentalis OR
Strobilurus occidentalis WA Buck 346 (on ground pleuro verified not capitate)
Strobilurus occidentalis BTSP on hemlock cone 84013
GQ892806.1 Strobilurus occidentalis WA (type AK 1971)
Strobilurus occidentalis WA (MP 3956523)
Strobilurus occidentalis WA (iNat 17857313)
GQ892810.1 Strobilurus occidentalis WA (alleles for WAx5)
iNat34329354 Strobilurus occidentalis BTSP
MH858956.1 Strobilurus occidentalis ID (2/1 from WAx5)
S. occidentalis WA iNat34943639 spruce (coastal =wyomingensis ITS)
PSMS481 iNat134641671 Strobilurus occidentalis WA (ground white)
MF063144 Strobilurus cf wyomingensis WA Qin (multi-gene proof)
MF063163 Strobilurus occidentalis Qin F16171 BC
MF063153.1 Strobilurus occidentalis F8496 BC (Qin+genbank unanimous) Squamish BC (+NBC +AKx2)
MF063139 Strobilurus trullisatus TYPE WA 1916 (dirty)
MF063143 S. wyomingensis Qin Smith ID (dirty) (=occidentalis ITS) subalp Rockies spores larger)(1941)
0.050